

Access DB# 74229**SEARCH REQUEST FORM**

Scientific and Technical Information Center

Requester's Full Name: Key VU Examiner #: 71572 Date: 8/27/02
Art Unit: 2613 Phone Number 30 8-6613 Serial Number: 09/919225
Mail Box and Bldg/Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

US 5,050,166**Best Available Copy****STAFF USE ONLY**Searcher: KEJ

Searcher Phone #: _____

Searcher Location: 8/27/02

Date Searcher Picked Up: _____

Date Completed: 8/27/02

Searcher Prep & Review Time: _____

Clerical Prep Time: _____

Online Time: 15**Type of Search**

NA Sequence (#) _____

AA Sequence (#) _____

Structure (#) _____

Bibliographic _____

Litigation X

Fulltext _____

Patent Family _____

Other _____

Vendors and cost where applicable

STN _____

Dialog /Questel/Orbit /

Dr.Link _____

Lexis/Nexis /

Sequence Systems _____

WWW/Internet _____

Other (specify) _____

19951019 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
QPSX COMMUNICATIONS LTD. 33 RICHARDSON STREET WEST PERTH, WESTERN
AUSTRALIA, AUS * CANTONI, ANTONIO : 19941222; NEWMAN, ROBERT
MELVILLE : 19941222

20011016 US/RF
REISSUE APPLICATION FILED
20010731

UP - 2001-44

1 / 1 CRXX - ©CLAIMS/RRX

PN - 5,050,166 A 19910917 [US5050166]
PA - Cantoni, Antonio AU; Newman, Robert M AU
ACT - 19930917 REISSUE REQUESTED
ISSUE DATE OF O.G.: 19940329
REISSUE REQUEST NUMBER: 08/122934
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2603
Reissue Patent Number: USRE37494

19951019 REASSIGNED
ASSIGNMENT OF ASSIGNORS INTEREST

Assignor: CANTONI, ANTONIO DATE SIGNED: 12/22/1994
NEWMAN, ROBERT MELVILLE DATE SIGNED: 12/22/1994

Assignee: QPSX COMMUNICATIONS LTD. 33 RICHARDSON STREET WEST PERTH,
WESTERN AUSTRALIA AUSTRALIA

Reel 007690/Frame 0028

Contact: TIMOTHY A. FRENCH FISH & RICHARDSON P.C. 225 FRANKLIN STREET
BOSTON, MASSACHUSETTS 02110-2804

20010731 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20011016
REISSUE REQUEST NUMBER: 09/919725
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2738

Reissue Patent Number:

20010731 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20020813
REISSUE REQUEST NUMBER: 09/919725
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2738

<=1> GET 1st DRAWING SHEET OF 12

September 17, 1991

Transfer of messages in a multiplexed system

REISSUE: This Patent was reissued on Jan. 1, 2002 as Reissue Patent Re 37,494. Reissue Application filed Jul. 31, 2001 (O.G. Oct. 16, 2001) Ex. Gp.: 2738; Re. S.N. 09/919,725 Reissue Application filed Sep. 17, 1993 (O.G. Mar. 29, 1994) Ex. Gp.: 2603 October 16, 2001; July 31, 2001 - Reissue Application filed Ex. Gp.: 2738; Re. S.N. 09/919,725 August 13, 2002

APPL-NO: 283364

FILED-DATE: April 28, 1989

GRANTED-DATE: September 17, 1991

CORE TERMS: message, machine, segment, slot, sub, reassembly, destination, segmentation, buffer, confirm ...

ENGLISH-ABST:

A method and apparatus for transmitting variable length messages on a network in fixed length slots including the provision of a source identifier field in the header of each slot, the source identifier field including a code which is uniquely associated with the message to be transmitted. The fixed length slots are then transmitted on the network and reassembly of the slots by a reassembly machine is controlled in accordance with the identifier codes in the slot.

5,050,166 OR 5050166

LEXIS-NEXIS
Library: PATENT
File: CASES

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

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For further explanation, press the H key (for HELP) and then the ENTER key.

5,050,166 OR 5050166

LEXIS-NEXIS
Library: PATENT
File: JNLS

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To enter a new search request, type it and press the ENTER key.

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For further explanation, press the H key (for HELP) and then the ENTER key.

Reissue Patent Number:

1 / 5 PAST - ©Thomson Derwent

AN - 200233-001716
PN - 5050166 A [US5050166]
OG - 2002-08-13
ACT - REISSUE APPLICATION FILED

2 / 5 PAST - ©Thomson Derwent

AN - 200201-001576
PN - 5050166 A [US5050166]
OG - 2002-01-01
ACT - REISSUE PATENT
RL - USRE37494

3 / 5 PAST - ©Thomson Derwent

AN - 200142-001611
PN - 5050166 A [US5050166]
OG - 2001-10-16
ACT - REISSUE APPLICATION FILED

4 / 5 PAST - ©Thomson Derwent

AN - 199413-000787
PN - 5050166 A [US5050166]
OG - 1994-03-29
ACT - REISSUE APPLICATION FILED

5 / 5 PAST - ©Thomson Derwent

AN - 199312-000819
PN - 5050166 A [US5050166]
OG - 1993-03-30
ACT - CERTIFICATE OF CORRECTION

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image

PN - US5050166 A 19910917 [US5050166]
TI - (A) Transfer of messages in a multiplexed system
PA - (A) CANTONI ANTONIO (AU); NEWMAN ROBERT M (AU)
IN - (A) CANTONI ANTONIO (AU); NEWMAN ROBERT M (AU)
AP - US28336489 19890428 [1989US-0283364]
PR - AUPI088487 19870317 [1987AU-0000884]
IC - (A) H04J-003/24 H04L-012/54 H04Q-011/04
EC - H04J-003/16
H04L-029/06
ICO - T04L-029/08A2
PCL - ORIGINAL (O) : 370473000; CROSS-REFERENCE (X) : 340002400 340825520 370471000
370474000
DT - Corresponding document
CT - US3988545; US4168469; US4225919; US4354252; US4369443; US4379946; US4410889;
US4517669; US4570257; EP0055674; EP0079426; EP0212701; GB1326569
STG - (A) United States patent
AB - PCT No. PCT/AU88/00075 Sec. 371 Date Apr. 28, 1989 Sec. 102(e) Date Apr. 28, 1989 PCT
Filed Mar. 17, 1988 PCT Pub. No. WO88/07293 PCT Pub. Date Sep. 22, 1988. A method and
apparatus for transmitting variable length messages on a network in fixed length slots
including the provision of a source identifier field in the header of each slot, the source
identifier field including a code which is uniquely associated with the message to be
transmitted. The fixed length slots are then transmitted on the network and reassembly of the
slots by a reassembly machine is controlled in accordance with the identifier codes in the slot.

1 / 1 LGST - ©LEGSTAT

PN - US 5050166 [US5050166]
AP - US 283364/89 19890428 [1989US-0283364]
DT - US-P
ACT - 19890428 US/AE-A
APPLICATION DATA (PATENT)
US 283364/89 19890428 [1989US-0283364]

19910917 US/A
PATENT

19930330 US/CC
CERTIFICATE OF CORRECTION

19940329 US/RF
REISSUE APPLICATION FILED
930917

5,050,166 OR 5050166

LEXIS-NEXIS
Library: NEWS
File: CURNWS

Your search request has found no STORIES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

?b 345

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\$0.00 0.082 DialUnits File415
\$0.00 Estimated cost File415
\$0.03 TELNET
\$0.03 Estimated cost this search
\$0.03 Estimated total session cost 0.082 DialUnits

File 345:Inpadoc/Fam.& Legal Stat 1968-2002/UD=200233
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Ref	Items	Index-term
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E4	1	PN=US 5050167
E5	1	PN=US 5050168
E6	1	PN=US 5050169
E7	1	PN=US 5050170
E8	1	PN=US 5050171
E9	1	PN=US 5050172
E10	1	PN=US 5050173
E11	1	PN=US 5050174
E12	1	PN=US 5050175

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?t 1/39/1

1/39/1
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S1 1 PN='US 5050166'
?t s1/39/1

1/39/1
DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat
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7879055

Basic Patent (No,Kind,Date): WO 8807293 A1 19880922 <No. of Patents: 012>

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date
AT 153814	E	19970615	EP 88902771	A	19880317
AU 8814999	A1	19881010	AU 8814999	A	19880317
AU 601571	B2	19900913	AU 8814999	A	19880317
CA 1309519	A1	19921027	CA 561564	A	19880316
DE 3855925	C0	19970703	DE 3855925	A	19880317
DE 3855925	T2	19971218	DE 3855925	A	19880317
EP 308449	A1	19890329	EP 88902771	A	19880317
EP 308449	B1	19970528	EP 88902771	A	19880317
JP 1502792	T2	19890921	JP 88502867	A	19880317
US 5050166	A	19910917	US 283364	A	19890428
US 37494	E1	20020101	US 122934	A	19930917
WO 8807293	A1	19880922	WO 88AU75	A	19880317 (BASIC)

Priority Data (No,Kind,Date):

AU 87884 A 19870317
WO 88AU75 A 19880317
WO 88AU75 W 19880317
US 122934 A 19930917
US 283364 A5 19890428

PATENT FAMILY:

AUSTRIA (AT)

Patent (No,Kind,Date): AT 153814 E 19970615
NACHRICHTENUEBERTRAGUNG IN EINEM MULTIPLEXSYSTEM (German)
Patent Assignee: QPSX COMMUNICATIONS LTD (AU)
Author (Inventor): CANTONI ANTONIO (AU); NEWMAN ROBERT MELVILLE (US)
Priority (No,Kind,Date): AU 87884 A 19870317
Applic (No,Kind,Date): EP 88902771 A 19880317
Addnl Info: 00308449 19970528
IPC: * H04L-005/22; H04L-012/54; H04L-012/58
Derwent WPI Acc No: * G 88-285673
Language of Document: German

AUSTRIA (AT)

Legal Status (No,Type,Date,Code,Text):
AT 153814 R 19970615 AT REF CORRESPONDS TO EP-PATENT
(ENTSPRICHT EP-PATENT)
EP 308449 P 19970528
AT 153814 R 19971115 AT RER CEASED AS TO PARAGRAPH 5
LIT. 3 LAW INTRODUCING PATENT TREATIES
(ERLOSCHEN GEM. PAR. 5 ABS. 3 PATVEG.)

AUSTRALIA (AU)

Patent (No,Kind,Date): AU 8814999 A1 19881010
TRANSFER OF MESSAGES IN A MULTIPLEXED SYSTEM (English)
Patent Assignee: ANTONIO CANTONI
Author (Inventor): CANTONI ANTONIO; NEWMAN ROBERT MELVILLE
Priority (No,Kind,Date): WO 88AU75 A 19880317; AU 87884 A
19870317
Applic (No,Kind,Date): AU 8814999 A 19880317
IPC: * H04L-005/22; H04L-011/20
Language of Document: English
Patent (No,Kind,Date): AU 601571 B2 19900913
TRANSFER OF MESSAGES IN A MULTIPLEXED SYSTEM (English)
Patent Assignee: ANTONIO CANTONI
Author (Inventor): CANTONI ANTONIO; NEWMAN ROBERT MELVILLE
Priority (No,Kind,Date): WO 88AU75 A 19880317; AU 87884 A
19870317
Applic (No,Kind,Date): AU 8814999 A 19880317
IPC: * H04L-005/22; H04L-011/20
Derwent WPI Acc No: * G 88-285673
Language of Document: English

CANADA (CA)

Patent (No,Kind,Date): CA 1309519 A1 19921027
TRANSFER OF MESSAGES IN A MULTIPLEXED SYSTEM (English; French)
Patent Assignee: CANTONI ANTONIO (AU); NEWMAN ROBERT M (AU)
Author (Inventor): CANTONI ANTONIO (AU); NEWMAN ROBERT M (AU)
Priority (No,Kind,Date): AU 87884 A 19870317
Applic (No,Kind,Date): CA 561564 A 19880316
National Class: * D43630010 M
IPC: * H04L-005/22; H04L-011/20
Derwent WPI Acc No: * G 88-285673
Language of Document: English

GERMANY (DE)

Patent (No,Kind,Date): DE 3855925 C0 19970703
NACHRICHTENUEBERTRAGUNG IN EINEM MULTIPLEXSYSTEM (German)
Patent Assignee: QPSX COMMUNICATIONS LTD (AU)
Author (Inventor): CANTONI ANTONIO (AU); NEWMAN ROBERT MELVILLE (US)
Priority (No,Kind,Date): AU 87884 A 19870317; WO 88AU75 W
19880317
Applic (No,Kind,Date): DE 3855925 A 19880317
IPC: * H04L-005/22; H04L-012/54; H04L-012/58
Derwent WPI Acc No: * G 88-285673
Language of Document: German
Patent (No,Kind,Date): DE 3855925 T2 19971218
NACHRICHTENUEBERTRAGUNG IN EINEM MULTIPLEXSYSTEM (German)

Patent Assignee: QPSX COMMUNICATIONS LTD (AU)
Author (Inventor): CANTONI ANTONIO (AU); NEWMAN ROBERT MELVILLE (US)
Priority (No,Kind,Date): AU 87884 A 19870317; WO 88AU75 W
19880317
Applic (No,Kind,Date): DE 3855925 A 19880317
IPC: * H04L-005/22; H04L-012/54; H04L-012/58
Derwent WPI Acc No: * G 88-285673
Language of Document: German

GERMANY (DE)

Legal Status (No,Type,Date,Code,Text):

DE 3855925	P	19970703	DE REF	CORRESPONDS TO (ENTSPRICHT)
		EP 308449	P 19970703	
DE 3855925	P	19971218	DE 8373	TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPÄISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)
DE 3855925	P	19980625	DE 8364	NO OPPOSITION DURING TERM OF OPPOSITION (EINSPRUCHSFRIST ABGELAUFEN OHNE DASS EINSPRUCH ERHOBEN WURDE)
DE 3855925	P	20010906	DE 8327	CHANGE IN THE PERSON/NAME/ADDRESS OF THE PATENT OWNER (ÄNDERUNG IN PERSON, NAMEN ODER WOHNORT DES PATENTINHABERS) QPSX COMMUNICATIONS PTY. LTD., WEST PERTH, AU

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 308449 A1 19890329

TRANSFER OF MESSAGES IN A MULTIPLEXED SYSTEM (English; French; German)

Patent Assignee: CANTONI ANTONIO (AU); NEWMAN ROBERT MELVILLE (AU)

Author (Inventor): CANTONI ANTONIO

Priority (No,Kind,Date): AU 87884 A 19870317; WO 88AU75 W
19880317

Applic (No,Kind,Date): EP 88902771 A 19880317

Designated States: (National) AT; BE; CH; DE; FR; GB; IT; LI; LU; NL;
SE

IPC: * H04L-005/22; H04L-011/20

Language of Document: English

Patent (No,Kind,Date): EP 308449 B1 19970528

TRANSFER OF MESSAGES IN A MULTIPLEXED SYSTEM (English; French; German)

Patent Assignee: QPSX COMMUNICATIONS LTD (AU)

Author (Inventor): CANTONI ANTONIO (AU); NEWMAN ROBERT MELVILLE (US)

Priority (No,Kind,Date): WO 88AU75 W 19880317; AU 87884 A
19870317

Applic (No,Kind,Date): EP 88902771 A 19880317

Designated States: (National) AT; BE; CH; DE; FR; GB; IT; LI; LU; NL;
SE

IPC: * H04L-005/22; H04L-012/54; H04L-012/58

Derwent WPI Acc No: * G 88-285673

Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 308449	P	19870317	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		AU 87884	A 19870317	
EP 308449	P	19880317	EP AA	PCT-APPLICATION (PCT-ANMELDUNG)
		WO 88AU75	W 19880317	
EP 308449	P	19880317	EP AE	EP-APPLICATION (EUROPÄISCHE ANMELDUNG)
		EP 88902771	A 19880317	
EP 308449	P	19890329	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)

		AT BE CH DE FR GB IT LI LU NL SE
EP 308449	P	19890329 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 308449	P	19890614 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 881201
EP 308449	P	19890913 EP A4 SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT) 890724
EP 308449	P	19920401 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED) 920214
EP 308449	P	19960103 EP RAP1 APPLICANT (CORRECTION) (ANMELDER (KORR.)) QPSX COMMUNICATIONS LTD.
EP 308449	P	19970528 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) AT BE CH DE FR GB IT LI LU NL SE
EP 308449	P	19970528 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 308449	P	19970528 EP REF IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:) AT 153814 R 19970615
EP 308449	P	19970530 CH EP/REG ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 308449	P	19970703 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 3855925 P 19970703
EP 308449	P	19971024 EP EN FR: TRANSLATION NOT FILED (FR: TRADUCTION N'A PAS ETE REMISE)
EP 308449	P	19971103 EP NLV1 NL: LAPSED OR ANNULED DUE TO FAILURE TO FULFILL THE REQUIREMENTS OF ART. 29P AND 29M OF THE PATENTS ACT; NO LEGAL EFFECT FROM THE DATE OF (NL: WIRKUNG IN NL NICHT EINGETRETEN (ART. 29P UND 29M NL PATG.))
EP 308449	P	19971128 CH PL/REG PATENT CEASED (LOESCHUNG/RADIATION/RADIAZION)
EP 308449	P	19980107 EP 25 LAPSED AS TO RULE 92 1 P (ERLOSCHEN GEM. REGEL 92 1 P) AT 970528
EP 308449	P	19980304 EP 25 LAPSED AS TO RULE 92 1 P (ERLOSCHEN GEM. REGEL 92 1 P) AT 970528
EP 308449	P	19980304 EP 25 LAPSED AS TO RULE 92 1 P (ERLOSCHEN GEM. REGEL 92 1 P) AT 970528
EP 308449	P	19980318 EP 25 LAPSED AS TO RULE 92 1 P (ERLOSCHEN GEM. REGEL 92 1 P) AT 970528
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EP 308449	P	19980408 EP 25 LAPSED AS TO RULE 92 1 P (ERLOSCHEN GEM. REGEL 92 1 P) AT 970528
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		AT 970528	
EP 308449	P	19980408 EP 25	LAPSED AS TO RULE 92 1 P
		(ERLOSCHEN GEM. REGEL 92 1 P)	
		AT 970528	
EP 308449	P	19980408 EP 25	LAPSED AS TO RULE 92 1 P
		(ERLOSCHEN GEM. REGEL 92 1 P)	
		AT 970528	
EP 308449	P	19980506 EP 25	LAPSED AS TO RULE 92 1 P
		(ERLOSCHEN GEM. REGEL 92 1 P)	
		AT 970528	
EP 308449	P	19980506 EP 25	LAPSED AS TO RULE 92 1 P
		(ERLOSCHEN GEM. REGEL 92 1 P)	
		AT 970528	
EP 308449	P	19980506 EP 25	LAPSED AS TO RULE 92 1 P
		(ERLOSCHEN GEM. REGEL 92 1 P)	
		AT 970528	
EP 308449	P	19980506 EP 25	LAPSED AS TO RULE 92 1 P
		(ERLOSCHEN GEM. REGEL 92 1 P)	
		AT 970528	
EP 308449	P	19980506 EP 25	LAPSED AS TO RULE 92 1 P
		(ERLOSCHEN GEM. REGEL 92 1 P)	
		AT 970528	
EP 308449	P	19980520 EP 26N	NO OPPOSITION FILED (KEIN
		EINSPRUCH EINGELEGT)	
EP 308449	P	19991020 EP 25	LAPSED AS TO RULE 92 1 P
		(ERLOSCHEN GEM. REGEL 92 1 P)	
		AT 970528	
EP 308449	P	19991020 EP 25	LAPSED AS TO RULE 92 1 P
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EP 308449	P	19991020 EP 25	LAPSED AS TO RULE 92 1 P
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EP 308449	P	19991020 EP 25	LAPSED AS TO RULE 92 1 P
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		AT 970528	
EP 308449	P	19991020 EP 25	LAPSED AS TO RULE 92 1 P
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		AT 970528	
EP 308449	P	19991020 EP 25	LAPSED AS TO RULE 92 1 P
		(ERLOSCHEN GEM. REGEL 92 1 P)	
		AT 970528	
EP 308449	P	20020101 GB IF02/REG	EUROPEAN PATENT IN FORCE AS
		OF 2002-01-01	

JAPAN (JP)

Patent (No,Kind,Date): JP 1502792 T2 19890921
 Priority (No,Kind,Date): WO 88AU75 W 19880317; AU 87884 A 19870317
 Applic (No,Kind,Date): JP 88502867 A 19880317
 IPC: * H04L-011/20
 Derwent WPI Acc No: * G 88-285673
 Language of Document: Japanese

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5050166 A 19910917
 TRANSFER OF MESSAGES IN A MULTIPLEXED SYSTEM (English)
 Patent Assignee: CANTONI ANTONIO (AU); NEWMAN ROBERT M (AU)
 Author (Inventor): CANTONI ANTONIO (AU); NEWMAN ROBERT M (AU)
 Priority (No,Kind,Date): WO 88AU75 W 19880317; AU 87884 A 19870317
 Applic (No,Kind,Date): US 283364 A 19890428

National Class: * 370094100; 370061000; 370082000; 370095100;
 340825040; 340825520
 IPC: * H04J-003/24; H04Q-011/04; H04L-012/54
 Derwent WPI Acc No: * G 88-285673
 Language of Document: English
 Patent (No,Kind,Date): US 37494 E1 20020101
 TRANSFER OF MESSAGES IN A MULTIPLEXED SYSTEM (English)
 Patent Assignee: QPSX COMM PTY LTD (US)
 Author (Inventor): CANTONI ANTONIO (AU); NEWMAN ROBERT M (US)
 Priority (No,Kind,Date): US 122934 A 19930917; AU 87884 A
 19870317; WO 88AU75 W 19880317; US 283364 A5 19890428
 Applic (No,Kind,Date): US 122934 A 19930917
 National Class: * 370395000; 370471000; 370474000; 340825040;
 340825520
 IPC: * H04J-003/24; H04Q-011/04; H04L-012/54
 Derwent WPI Acc No: * G 88-285673
 Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 37494	E	19870317	US AA	PRIORITY (PATENT)
			AU 87884 A	19870317
US 37494	E	19880317	US AA	PCT-APPLICATION
			WO 88AU75 W	19880317
US 37494	E	19890428	US AA	PRIORITY
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US 37494	E	19930917	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
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US 37494	E	20020101	US E1	REISSUE (PRE-GRANT)
US 5050166	P	19870317	US AA	PRIORITY (PATENT)
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US 5050166	P	19880317	US AA	PCT-APPLICATION (PCT-APPL.)
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US 5050166	P	19890428	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
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US 5050166	P	19930330	US CC	CERTIFICATE OF CORRECTION
US 5050166	P	19940329	US RF	REISSUE APPLICATION FILED
			(REISSUE APPL. FILED)	
			930917	
US 5050166	P	19951019	US AS02	ASSIGNMENT OF ASSIGNOR'S
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			QPSX COMMUNICATIONS LTD. 33 RICHARDSON STREET	
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			ANTONIO : 19941222; NEWMAN, ROBERT MELVILLE :	
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WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

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 Patent Assignee: CANTONI ANTONIO; NEWMAN ROBERT MELVILLE
 Author (Inventor): CANTONI ANTONIO (AU); NEWMAN ROBERT MELVILLE (AU)
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WO 8807293	P	19880922 WO AL	DESIGNATED COUNTRIES FOR
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			APPLICATION WITH SEARCH REPORT (DESIGNATED
			COUNTRIES FOR REGIONAL PATENTS CITED IN A
			PUBLISHED APPL. WITH SEARCH REPORT)
WO 8807293	P	19880922 WO A1	PUBLICATION OF THE
			INTERNATIONAL APPLICATION WITH THE
			INTERNATIONAL SEARCH REPORT (PUB. OF THE
			INTERNATIONAL APPL. WITH THE INTERNATIONAL
			SEARCH REPORT)